IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended). A digital ~~Digital~~ image processing apparatus for applying pixel-based ~~colour~~ color correction to an input image to generate an output image, said apparatus comprising:

~~colour~~ color correction logic ~~arranged~~ configured to provide two or more ~~colour~~ color correction processes each having a respective associated locus in a ~~colour~~ color space and a respective associated ~~colour~~ color mapping operation;

said ~~colour~~ color correction processes ~~being~~ are arranged as a succession of processes so that the results of a ~~colour~~ color correction process form [[the]] an input to a next such process in said succession;

each ~~colour~~ color correction process ~~being operable to detect~~ detects whether each pixel lies within said respective locus in ~~colour~~ color space and, if so, ~~to apply~~ applies said ~~colour~~ color mapping operation to that pixel; and

each ~~colour~~ color correction process after a first process in said succession ~~being~~ is ~~arranged~~ configured to inhibit ~~colour~~ color mapping in respect of said loci associated with previous processes in said succession.

Claim 2 (Currently Amended). ~~Apparatus~~ The apparatus according to claim 1, in which each of said ~~colour~~ color correction processes is carried out by a separate ~~colour~~ color correction processor.

Claim 3 (Currently Amended). ~~Apparatus~~ The apparatus according to claim 1, in which said locus in ~~colour~~ color space of at least one of said ~~colour~~ color correction processes

includes a soft region, said soft region being subject to a partial ~~colour~~ color mapping operation.

Claim 4 (Currently Amended). ~~Apparatus~~ The apparatus according to claim 3, in which said ~~colour~~ color mapping operation of a subsequent process having a locus in ~~colour~~ color space overlapping with said soft region is only partially inhibited in [[the]] a region overlapping said soft region.

Claim 5 (Currently Amended). ~~Apparatus~~ The apparatus according to claim 3, in which [[said]] a degree of softness in a locus in ~~colour~~ color space may vary between a first degree of softness, being indicative that no ~~colour~~ color mapping will take place, and a second degree of softness, being indicative that complete ~~colour~~ color mapping will take place.

Claim 6 (Currently Amended). ~~Apparatus~~ The apparatus according to claim 5, in which ~~colour~~ color mapping by a ~~colour~~ color correction process is partially inhibited in respect of a region in ~~colour~~ color space in which a sum of all degrees of softness relating to that region in previous processes in said sequence lies between said first and second degrees of softness.

Claim 7 (Currently Amended). ~~Apparatus~~ The apparatus according to claim 6, in which ~~colour~~ color mapping in a process will be completely inhibited in respect of a region in ~~colour~~ color space in which said sum of all degrees of softness relating to that region in previous processes equals or exceeds said second degree of softness.

Claim 8 (Currently Amended). ~~Apparatus~~ The apparatus according to claim 6, in which each process is operable to detect a running total degree of softness applied by preceding processes in respect of each position in ~~colour~~ color space, and to apply ~~colour~~ color correction to an extent no greater than a difference between said running total degree of softness and said second degree of softness.

Claim 9 (Currently Amended). A method of digital image processing for applying pixel-based ~~colour~~ color correction to an input image to generate an output image, said method comprising the steps of:

providing two or more ~~colour~~ color correction processes each having a respective associated locus in a ~~colour~~ color space and a respective associated ~~colour~~ color mapping operation;

arranging said ~~colour~~ color correction processes ~~being arranged~~ as a succession of processes so that [[said]] results of a ~~colour~~ color correction process form an input to a next such process in said succession;

detecting, in each ~~colour~~ color correction process, ~~detecting~~ whether each pixel lies within said respective locus in ~~colour~~ color space and, if so, to apply said ~~colour~~ color mapping operation to that pixel; and

inhibiting, in each ~~colour~~ color correction process after said first process in said succession, ~~inhibiting colour~~ color mapping in respect of said loci associated with previous processes in said succession.

Claim 10 (Currently Amended). ~~Computer software having program code for carrying out a method according to claim 9~~A computer readable storage medium encoded

with instructions, which when executed by a computer causes the computer to execute a method comprising:

providing two or more color correction processes each having a respective associated locus in a color space and a respective associated color mapping operation;

arranging said color correction processes being as a succession of processes so that results of a color correction process form an input to a next such process in said succession;

detecting, in each color correction process, whether each pixel lies within said respective locus in color space and, if so, to apply said color mapping operation to that pixel; and

inhibiting, in each color correction process after said first process in said succession, color mapping in respect of said loci associated with previous processes in said succession.

Claims 11-13 (Canceled).